

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: HELEN PIZZUTO Examiner #: 90058 Date: 8/10/04
Art Unit: 1713 Phone Number: 302-1108 Serial Number: 10/697 669
Mail Box and Bldg/Room Location: REM-10A29 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SEE ATTACHED

Inventors (please provide full names): ↓

Earliest Priority Filing Date: 10/29/03

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A macromer shown in formula (2) made from a monomer-spacer conjugate shown in formula (5) (d. 2) and a function aliformer (formula (3) attached) in the presence of a coupling agent (claim 6)
* Search y = n-acetyl glucosamine (NAG) first, then other carbohydrates if have time.

KEY WORDS

carbohydrates / sugars (near) polymerization
biological / recognition, receptor, binding
THANKS!

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____



STIC Search Report

REM 10A 27

EIC 1700

STIC Database Tracking Number: 129521

TO: Helen Pezzuto
Location: REM 10A27
Art Unit : 1713
August 16, 2004

Case Serial Number: 10/69⁷669

From: Kathleen Fuller
Location: EIC 1700
REMSEN 4B28
Phone: 571/272-2505
Kathleen.Fuller@uspto.gov

Search Notes

=> FILE REG

FILE 'REGISTRY' ENTERED AT 11:58:51 ON 16 AUG 2004
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STRUCTURE FILE UPDATES: 15 AUG 2004 HIGHEST RN 727358-71-6
DICTIONARY FILE UPDATES: 15 AUG 2004 HIGHEST RN 727358-71-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more
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FILE COVERS 1907 - 16 Aug 2004 VOL 141 ISS 8
FILE LAST UPDATED: 15 Aug 2004 (20040815/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

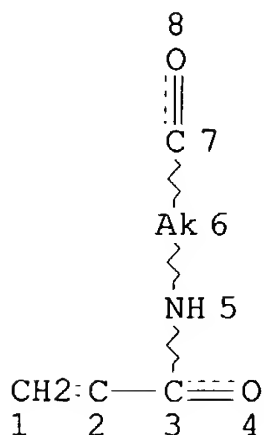
=> D QUE L56

L16	7	SEA FILE=REGISTRY ABB=ON FRUCTOFURANOSE/CN OR LACTOSE/CN OR ISOMALTOSE/CN OR MALTOSE/CN OR CELLOBIOSE/CN OR CELLULOSE/CN OR AMYLASE/CN
L18	222	SEA FILE=REGISTRY ABB=ON 3458-28-4/CRN OR 3615-39-2/CRN OR 5556-48-9/CRN OR 5962-29-8/CRN OR 7512-17-6/CRN OR 7535-00-4/CR N OR 9000-92-4/CRN
L19	6684	SEA FILE=REGISTRY ABB=ON 9004-34-6/CRN OR 16984-36-4/CRN OR 89400-31-7/CRN OR 31103-86-3/CRN OR 30237 R 26566-61-0/CRN OR 26566-61-0
L20	6702	SEA FILE=REGISTRY ABB=ON 17598-81-1/CRN OR 16984-36-4/CRN

KATHLEEN FULLER EIC 1700 REMSEN 4B28 571/272-2505

*component
registry
numbers
for
claim
NAC etc*

L27 OR 9004-34-6/CRN
STR



5,052 structures from query

NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED
ECOUNT IS M4 C AT 6

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 8

STEREO ATTRIBUTES: NONE

L29	5052	SEA FILE=REGISTRY SSS FUL L27
L30	8	SEA FILE=REGISTRY ABB=ON L29 AND ((L18 OR L19 OR L20))
L31	4794	SEA FILE=HCAPLUS ABB=ON L29
L32	1831	SEA FILE=HCAPLUS ABB=ON L31(L) (PREP OR IMF OR SPN OR POF)/RL
L33	133545	SEA FILE=HCAPLUS ABB=ON L16
L34	15	SEA FILE=HCAPLUS ABB=ON L32 AND L33
L35	12	SEA FILE=HCAPLUS ABB=ON L30
L36	26	SEA FILE=HCAPLUS ABB=ON L34 OR L35
L37	279603	SEA FILE=HCAPLUS ABB=ON NAG OR ?GLUCOSAMINE? OR MANNOSE OR GALACTOSE OR SIALIC ACID OR FRUCTOSE OR RIULOSE OR ERYTHROLOSE OR XYLULOSE OR PSICOSE OR SORBOSE OR TAGATOSE OR GLUCOPYRANOSE OR FRUCTOFURAN? OR DEOXYRIBOSE OR GALACTOSAMINE OR SUCROSE
L38	425009	SEA FILE=HCAPLUS ABB=ON RIBULOSE OR ERYTHROLOS? OR LACTOSE OR ISOMALTOSE OR MALTOSE OR CELLOBIOSE OR CELLULOSE OR AMYLASE
L39	121	SEA FILE=HCAPLUS ABB=ON L32 AND (L37 OR L38)
L40	54	SEA FILE=HCAPLUS ABB=ON L39 AND (POLYMER? OR PLASTIC?)/SC,SX
L41	28	SEA FILE=HCAPLUS ABB=ON L32 AND MACROMER#
L42	2071	SEA FILE=HCAPLUS ABB=ON L31 AND (PREP OR IMF OR SPN OR POF)/RL
L43	28	SEA FILE=HCAPLUS ABB=ON L42 AND MACROMER#
L44	0	SEA FILE=HCAPLUS ABB=ON L43 AND (L33 OR L37 OR L38)
L45	0	SEA FILE=HCAPLUS ABB=ON L40 AND L41
L48	501	SEA FILE=HCAPLUS ABB=ON L31(L) RCT/RL
L49	51	SEA FILE=HCAPLUS ABB=ON L48 AND (L33 OR L37 OR L38)
L50	0	SEA FILE=HCAPLUS ABB=ON L49 AND MACROMER#
L51	25	SEA FILE=HCAPLUS ABB=ON L49 AND (POLYMER? OR PLASTIC?)/SC,SX
L52	40	SEA FILE=HCAPLUS ABB=ON (L32 OR L48) AND CARBOHYDRATE?
L53	0	SEA FILE=HCAPLUS ABB=ON L52 AND MACROMER?
L54	12	SEA FILE=HCAPLUS ABB=ON L52 AND (POLYMER? OR PLASTIC?)/SC,SX
L55	17	SEA FILE=HCAPLUS ABB=ON L36 AND (POLYMER? OR PLASTIC?)/SC,SX
L56	47	SEA FILE=HCAPLUS ABB=ON L44 OR L45 OR L50 OR L51 OR L53 OR L54 OR L55